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Application Number	(09 724,380)
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Filing Date	Nov. 28, 2000
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First Named Inventor	MILES, Vincent J.
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Group Art Unit	16.36
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Examiner Name	GUZO, D.
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Attorney Docket Number	A-70298-3 RMS AXG
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Sheet	1	of	10
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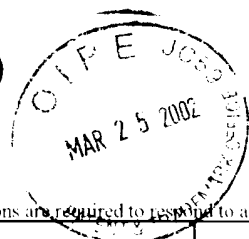
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09 724,380
				Filing Date	Nov. 28, 2000
				First Named Inventor	MILES, Vincent J.
				Group Art Unit	1636
				Examiner Name	GUZO, D.
Sheet	2	of	10	Attorney Docket Number	A-70298-3 RMS AXG

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iz	C1	Agris et al., Biochem. 25:6268-6275 (1986).	
	C2	Babiss et al., Mol. Cell. Biol. 5:2552-2558 (1985).	
	C3	Bae et al., Virology 170:282-287 (1989).	
	C4	Baroudy et al., Proc. Natl. Acad. Sci. USA 82:2143-2147 (1985).	
	C5	Beattie et al., Virology 183:419-422 (1991).	
	C6	Peck et al., Nucleic Acids Res. 11:7873-7885 (1983).	
	C7	Piegelke & Geballe Virology 177:657-667 (1990).	
	C8	Black et al., J. Virology 67:791-800 (1993).	
	C9	Boothroyd et al., Nature 290:800-802 (1981).	
	C10	Boothroyd et al., Gene 17:153-161 (1982).	
	C11	Borman et al., J. Gen. Virol. 74:1775 (1993).	
	C12	Borman and Jackson, Virology 188:685 (1992).	
	C13	Poroyjagin et al., "A Factor that Specifically Binds to the 5'-Untranslated Region of Encephalomyocarditis Virus RNA," FEBS Lett. 261:237-240 (1990).	
	C14	Poroyjagin et al., "RNA-Protein Interactions With the Internal translation Initiation Region of the Encephalomyocarditis Virus RNA," Nucl. Acids Res. 19:4999-5005 (1991).	
	C15	Bouloy et al., Proc. Natl. Acad. Sci. USA 75:4886-4890 (1978).	
	C16	Brown et al., J. Virol. 65:5828-5838 (1991).	
✓	C17	Brown-Driver, V. et al., "Inhibition of translation of hepatitis C virus RNA by 2'-modified antisense oligonucleotides," Antisense Nucleic Acid Drug Dev. 1999 Apr;9(2):145-54.	
✓	C18	Callahan P et al., Proc. Natl. Acad. Sci. USA 82:7337-7340 (1985).	
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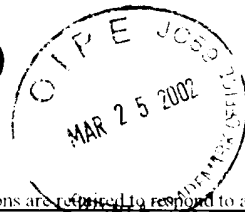
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2	C20	Carroll & Clarke Nucleic Acids Res. 12:2461 (1984).	
	C21	Centrella and Lucas-Lenard, J. Virology 41:781-791 (1982).	
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	C29	Cohen et al., J. Virol. 61:50-59 (1987).	
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	C31	Cullen, Cell 46:973 (1986).	
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	C35	Dolph et al., J. Virology 62:2059-2066 (1988).	
✓	C36	Drug and Market Development, vol. 3, No. 9, pp. 174-180 (Feb. 15, 1993).	
✓	C37	Duke et al., "Sequence and Structural Elements That Contribute to Efficient Encephalomyocarditis Virus RNA Translation," Journal of Virology 66:1602-1609 (1992).	

Examiner Signature	<i>David J. Guzzo</i>	Date Considered	<i>3/26/01</i>
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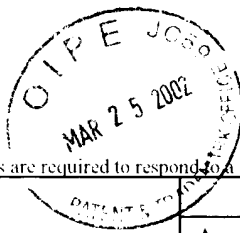
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				Filing Date	Nov. 28, 2000
				First Named Inventor	MILES, Vincent J.
				Group Art Unit	1636
				Examiner Name	GUZO, D.
Sheet	4	of	10	Attorney Docket Number	A-70298-3 RMS AXG

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g	C38	Earle et al., J. Gen. Virol. 69:253-263 (1988).		
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	C40	Etchison et al., J. Biol. Chem. 257:14806-14810 (1982).		
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	C43	Forss et al., Nucleic Acids Res. 12:6587 (1984).		
	C44	Gambani et al., Int J J. Pharm. 72:251-258 (1991).		
	C45	Galderisi et al., Expert Opinion on Emerging Drugs 6(1):69-79 (2001) ABSTRACT		
	C46	Galibert et al., Nature 281:646-650 (1979).		
	C47	Garlinkel and Katze, J. Biol. Chem. 267:9383-9390 (1992).		
	C48	Geary RS, Yu RZ, Levin AA. Pharmacokinetics of phosphorothioate antisense oligodeoxynucleotides. Curr Opin Investig Drugs. 2001 Apr;2(4):562-73 (ABSTRACT)		
	C49	Geballe and Mocarski, J. Virology 62:3334-3340 (1988).		
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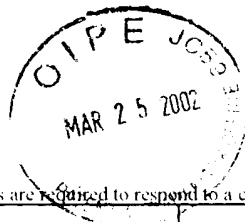
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				First Named Inventor	MILES, Vincent J.
				Group Art Unit	1636
				Examiner Name	GUZO, D.
Sheet	5	of	10	Attorney Docket Number	A-70298-3 RMS AXG

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2	C57	Herman, "Alternatives for the Initiation of Translation," THBS 14:219-222 (1989)	
	C58	Hershey, "Translational Control in Mammalian Cells," Ann. Rev. Biochem. 60:717-755 (1991).	
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	C65	Imani and Jacobs, Proc. Natl. Acad. Sci. USA 85:7887-7891 (1988).	
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	C68	Jacks et al., "Characterization of Ribosomal Frameshifting in HIV-1 gag-pol expression," Nature 331:280 (1988).	
	C69	Jackson, "Initiation Without an End," Nature 353:14-15 (1991).	
	C70	Jackson et al., "The Novel Mechanism of Initiation of Picornavirus RNA Translation," Trends Biochem. Sci. 15:477-482 (1990).	
	C71	Jang et al., Enzyme 44:292-309 (1990).	
	C72	Jang and Wimmer, Genes Dev. 4:1560-1572 (1990).	
✓	C73	Jang et al., J. Virol. 63:1651 (1989).	
	C74	Jean-Jean et al., J. Virology 63:5451-5454 (1989).	

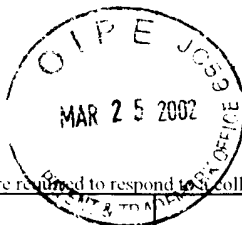
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102	C75	Jenkins, J. Gen. Virol 68:1835-1848 (1987).	
	C76	Kato et al., Proc. Natl. Acad. Sci. USA 87:9524-9528 (1990).	
	C77	Katze, J. Interferon Res. 12:241-248 (1992).	
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	C80	Kozak, "The Scanning Model for Translation: An Update," J. Cell. Biol. 108:229-241 (1989).	
	C81	Kozak, "A Consideration of Alternative Models for the Initiation of Translation in Eukaryotes," Crit. Rev. Biochem. Mol. Biol. 27:385-402 (1992).	
	C82	Kuhn et al., J. Virol. 64:4625 (1990).	
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	C87	Lima et al., J. Biol. Chem. 272(1):626-638 (1997)	
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	C92	Macejak and Sarnow, "Internal Initiation of Translation Mediated by the 5' Leader of a Cellular mRNA," Nature 353:90-94 (1991)	

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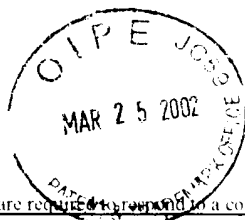
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2	C93	Mathews, "Viral Evasion of Cellular Defense Mechanisms: Regulation of the Protein Kinase DAI by RNA Effectors," Seminars in Virology 4:247-257 (1993).		
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	C96	Meerovitch et al., J. Virol. 67:3798 (1993).		
	C97	Meerovitch et al., "A Cellular Protein That Binds to the 5'-Noncoding Region of Poliovirus RNA: Implications for Internal Translation Initiation," Gene Dev. 3:1026-1034 (1989).		
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	C101	Miroshnichenko, et al., "Inhibition of Adenovirus 5 Replication in COS-1 Cells by Antisense RNAs Against the Viral E1A Region," Gene 84:83-89 (1989).		
	C102	Mizutani et al., J. Virol. vol. 56, No. 2, pp. 628-632, Nov. 1985.		
	C103	Molla et al., "Cardioviral Internal Ribosomal Entry Site is Functional in a Genetically Engineered Dicistronic Poliovirus," Nature 356:255-257 (1992).		
	C104	Moreland et al., J. Virol. 65:1168-1176 (1991).		
	C105	Najarian et al., Proc. Natl. Acad. Sci. USA 82:2627 (1985).		
	C106	Najita and Sarnow, Proc. Natl. Acad. Sci. USA 87:5846-5850 (1990).		
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	C108	Isomoto A, Omata T, Toyoda H, Kuge S, Horie H, Kataoka Y, Grenba Y, Nakano Y, Imura N. Complete nucleotide sequence of the attenuated poliovirus Sabin 1 strain genome. Proc Natl Acad Sci USA. 1982 Oct;79(19):5793-7.		
	C109	Ohara et al., Virology 164:245 (1988).		
2	C110	Okamoto et al., "Full length sequence of a hepatitis C virus genome having poor homology to reported isolates: comparative study of four distinct genotypes," Virology 1992 May;188(1):331-41		

Examiner Signature	Date Considered
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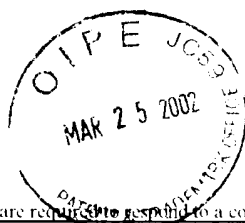
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		Application Number	09 724,380
		Filing Date	Nov. 28, 2000
		First Named Inventor	MILLES, Vincent J.
		Group Art Unit	1636
		Examiner Name	GUZO, D.
Sheet 8	of 10	Attorney Docket Number	A-70298-3 RMS AXG

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	C113	Paul et al., Virus Res. 8:153-171 (1987).	
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	C120	Pestova et al., "Distinct Models of Poliovirus Polypeptide Initiation in Vitro," Virus Research 14:107-118 (1989).	
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	C124	Plotch et al., Cell 23:847-858 (1981)	
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	C126	Qian et al., Mol. Cell. Biol. 11:5312-5320 (1991).	
	C127	Racaniello & Baltimore Proc. Natl. Acad. Sci. USA 78:4887-4891 (1981)	

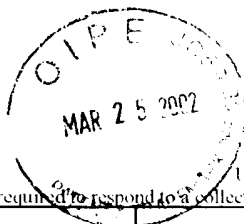
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	C130	Robertson et al., J. Virol. 54:651 (1985).	
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	C133	Samuel, "The eIF-2, alpha. Protein Kinases, Regulators of Translation in Eukaryotes from Yeasts to Humans," J. Bio. Chem. 268:7603-7606 (1993).	
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	C140	Sonenburg, "Measures and Countermeasures In the Modulation of Initiation Factor Activities By Viruses," The New Biologist 2:402-409 (1990).	
	C141	Sonenberg and Meerovitch, "Translation of Poliovirus mRNA," Enzyme 44:278-291 (1990).	
	C142	Stanners et al., Cell 11:273-281 (1977).	
	C143	Stanway G et al., Proc. Natl. Acad. Sci. USA 81:1539-1543 (1984).	
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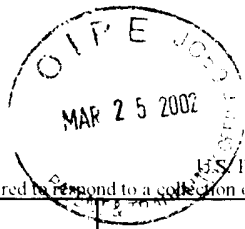
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2	C146	Thomas and Wagner, Biochemistry 22:1540-1546 (1983).	
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	C156	Witherell et al., Biochemistry 32:8268 (1993).	
2	C157	Yoo et al., "5' End-Dependent Translation Initiation of Hepatitis C Viral RNA and the Presence of Putative Positive and Negative Translational Control Elements Within the 5' Untranslated Region," Virology 191:889-899 (1992)	
	C158	ZHANG et al., Antimicrob Agents Chemother 43(2):347-53 (Feb 1999)	

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